

**Request for Extension of
Special Temporary Authority**

Pursuant to Sections 5.54(a)(2) and 5.61 of the Commission's Rules,¹ Iridium Satellite LLC ("Iridium") hereby requests an extension of its experimental special temporary authority ("STA") to add as a point of communication an Iridium 9602 modem on HERA Systems Incorporated ("HERA")'s 1HOPSat-TD satellite, formerly known as 1HOPSat-1. Experimental authority is required to add the modem as a point of communication for Iridium's "Big LEO" constellation because the space station license for the constellation does not cover intersatellite communications.

Iridium previously requested and received an experimental STA for a period of 180 days, through October 29, 2019.² Due to launch and other delays outside of Iridium's control, the 1HOPSat-TD mission will commence later than originally anticipated. Iridium seeks a 180-day extension of its STA, through April 26, 2020, to account for these delays. As before, the mission will last no longer than 180 days and therefore is within the terms of the rules governing experimental STAs. Hera has requested a corresponding change in its experimental authority.³

¹ 47 CFR §§5.54(a)(2), 5.61(c).

² See File No. 1958-EX-ST-2018.

³ See File No. 1781-EX-ST-2018.